Express Mail # ER 593 030 235 US

Docket No. END 897 DIV2

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Seth A. Foerster et al.

Serial No.

Filed

December 12, 2003

Examiner:

Art Unit:

For

METHODS AND DEVICES FOR DEFINING

AND MARKING TISSUE

Commissioner for Patents MS Patent Application PO Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

[X] In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing

date of a first Office Action after the filing of a request for continued examination						
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[] Copies of each of the references listed on the attached Form PTO-1449 are						
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[X] Copies of references listed on the attached PTO Form 1449 were						
previously cited by or submitted to the Patent and Trademark Office in prior						
application. US Serial No. 10/213,638 filed August 7, 2002 to which this						

application claims priority.

	[ ] In view of the voluminous nature of references [list as appropriate],
	and the likelihood that these references are available to the Examiner, copies
	are not enclosed herewith.
	[ ] If any of the foregoing publications are not available to the
	Examiner, Applicant will endeavor to supply copies at the Examiner's
	request.
[]	There are no listed references which are not in the English language.
	[ ] The relevance of those listed references which are not in the English
	language is as follows:
[]	Attached are copies of search report(s) from corresponding patent application(s).
	[ ] Attached are the following non-published pending patent applications which
	may be deemed relevant.
	Please charge any deficiency or credit any overpayment to Deposit Account No. 10-
0750/END 89°	7DIV2/GSG.
	Respectfully submitted,
	n h

Gerry S. Gressel Reg. No. 34,342

Attorney for Applicants

Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003 (513) 337-3535

Dated: December 12, 2003

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Substitute for form 1449A/PTO		Application Number	
		Filing Date	December 12, 2003
INFORMATION DISCLOSURE		First Named Inventor	Seth A. Foerster et al.
STATEMENT BY APPLICANT (use as many sheets as necessary)	!	Group Art Unit	
(use as many sneets as necessary)	Sheet 1 of 7	Examiner Name	
	Sheet 1 of 7	Attorney Docket Number	END 897 DIV2

U.S. PATENT DOCUMENTS

				U.S. Patent Document				
Examiner Initials	Cite No. <sup>1</sup>	Kind Code <sup>2</sup> Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear		
		RE 34,936		Campbell et al.	5/9/95	ALL		
		3,120,230		Skold	10/24/60	ALL		
		3,945,375		Banko	3/23/76	ALL		
		3,958,576		Komiya	5/25/76	ALL		
		3,996,935		Banko	12/14/76	ALL		
		4,080,959		Leveen	3/28/78	ALL		
		4,103,692		Baier et al.	8/1/78	ALL		
		4,210,146		Banko	7/1/80	ALL		
		4,250,892		Dolhay et al.	2/17/81	ALL		
		4,320,761		Haddad	3/23/82	ALL		
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		4,699,154		Lindgren	10/13/87	ALL		
		4,682,606		DeCaprio	7/28/87	ALL		
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		4,733,664		Kirsch et al.	3/29/88	ALL		
		4,832,685		Haines	5/23/89	ALL		
		4,853,210		Kass	8/1/89	ALL		
		4,881,551		Taylor	11/21/89	ALL		
		4,907,599		Taylor	3/13/90	ALL		
		4,909,250		Smith	3/20/90	ALL		
		4,929,240		Kirsch et al.	5/29/90	ALL		
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		4,995,877		Ams et al.	2/26/91	ALL		
		5,018,530		Rank et al.	5/28/91	ALL		
		5,108,407		Gerenia et al.	4/28/92	ALL		
Examiner Signature				Date Considered	1			

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INTEGRIMATION DISCUSSIBLE	Filing Date	December 12, 2003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	First Named Inventor	Seth A. Foerster et al.
(use as many sheets as necessary)	Group Art Unit	
01267	Examiner Name	
Sheet 2 of 7	Attorney Docket Number	END 897 DIV2

		U.S. Patent Docu	ment			
Examiner Initials	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		5,025,797		Baran	6/25/91	ALL
		5,108,407		Gerenia et al.	4/28/92	ALL
		5,112,299		Pascaloff	5/12/92	ALL
		5,125,413		Baran	6/30/92	ALL
		5,127,916		Spencer et al.	7/7/92	ALL
		5,133,661		Euvrard	7/28/92	ALL
		5,147,307		Gluck	9/15/92	ALL
		5,156,609		Nakao et al.	10/20/92	ALL
-		5,188,111		Yates et at.	2/23/93	ALL
		5,192,270		Carswell, Jr.	3/9/93	ALL
		5,192,292		Cezana et al.	3/9/93	ALL
		5,195,540		Shiber	3/23/92	ALL
		5,197,482		Rank et al.	3/30/93	ALL
	11	5,201,314		Bosley et al.	4/13/93	ALL

				FC	DREIGN PATENT DOCUMENTS			
		Foreign	Patent Documen	ıt	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant passages	
Examiner Initials	Cite No. <sup>1</sup>	Office <sup>3</sup>	Number <sup>4</sup> Ki	indCode <sup>5</sup>	Applicant of Cited Document	mm-dd-yyyy	or relevant figures appear	T <sup>6</sup>
		ЕРО	0 146 699	A1	Bahler et al.	7/3/85	ALL	
		ЕРО	0 293 605	B1	Herms et al.	11.08.93	ALL	
	<del> </del>							
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Substitute for form 1449A/PTO	Application Number	
INFORMATION DISCLOSURE	Filing Date	December 12, 2003
STATEMENT BY APPLICANT	First Named Inventor	Seth A. Foerster et al.
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Sheet 3 of 7	Examiner Name	
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U.S. PATEN	T DOCUMENTS	ber

	Cite No.1	U.S. Patent Document				
Examiner Initials			l Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		5,209,232		Levene	5/11/93	ALL
		5,217 <i>,</i> 478		Rexroth	6/8/93	ALL
		5,221,269		Miller et al.	6/22/93	ALL
		5,226,911		Chee et al.	7/13/93	ALL
		5,234,426		Rank et al.	8/10/93	ALL
		5,242,456		Nash et al.	7/7/93	ALL
		5,275,609		Pingleton et al.	1/4/94	ALL
		5,280,457		Figueroa et al.	1/18/94	ALL
		5,329,635		Smith	6/14/94	ALL
		5,342,283		Good	8/30/94	ALL
		5,364,406		Sewell, Jr.	11/15/94	ALL
		5,400,798		Baran	3/28/95	ALL
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		4,103,690		Harris	8/1/78	ALL
		5,024,727		Campbell et al.	8/18/91	ALL

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		Foreign	Patent Docum	ent	N. CD.	Date of Publication of	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office <sup>3</sup> KindCo	Number <sup>4</sup> ode <sup>5</sup>		Name of Patentee or Applicant of Cited Document	Cited Document mm-dd-yyyy	passages or relevant figures appear	T <sup>6</sup>
		EPO	0 350 043	B1	Palestrant et al.	19.08.92	ALL	
		EPO	0 481 685	A1	Miller et al.	22.04.92	ALL	
		PCT	90/15576	A1	Rank et al.	27.12.90	ALL	
		PCT	93/19803	A1	Heath et al.	14/10/93	ALL	
		GB	2 132 091	A	Norton et al.	7/4/84	ALL	
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12-12-2003 S. Foerster et al.

**END 897 DIV2** 

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STATEMENT BY APPLICANT

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		U.S. Patent Doc	ument	U.S. PATENT DOCUMENTS		T		
Examiner Initials	Cite No.1			Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages of relevant figures appear
,		4,197,846		Bucalo	04/15/80	ALL		
		4,247,406		Widder et al.	01/27/81	ALL		
		4,718,897		Elves	01-12-1988	ALL		
		4,787,391		Eleftreriades	11-29-1988	ALL		
		5,108,421		Fowler	04-28-1992	ALL		
		5,122,147	<u> </u> :	Sewell	06-16-1992	ALL		
		5,201,314		Bosley et al.	04-13-1993	ALL		
		5,718,237		Haaga	02-17-1998	ALL		
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		6,161,034	. 1	Burbank et al.	12-12-2000	ALL		
		6,270,464		Fulton et al.	08-07-2001	ALL		
		6,347,241		Burbank et al.	02-12-2002	ALL		
		6,356,782		Sirimanne et al.	03-12-2002	· ALL		
		2001/0023322	A1	Esposito et al.	09-20-2001	ALL		

Examiner Initials		Poreign	Patent Documer	ıt	REIGN PATENT DOCUMENTS	Date of Publication	Pages, Columns, Lines,	
	Cite No.1	\Office3	Number Ki	ndCode <sup>5</sup>	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear	T <sup>6</sup>
		WO	00/24320 (	A1	Esposito et al.	05-04-2000	ALL	-
		JP	9-66063	A	Koken Co., LTD (Translation)	03-11-1997	ALL	
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		·						<del></del>

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item	
Examiner's . nitials*	Cite No.1	nuthisher city endor country, ear, page(s), volume-issue number(s),	T <sup>2</sup>
		LEE and KNOCHEL; Technical Developments and Instrumentation: Air as an Ultrasound Contrast Marker for Accurate Determination of Needle Placement; Radiology 143; June 1982; pp 787-788	
		SULLIVAN; Perspective: Needle Core Biopsy of Mammographic Lesions; AJR vol 162, March 1994 (received 9/20/1993) pp 601-608.	:
	·	YANDOW and MATALLANA; Gas Contrast Guided Needle Blopsy of the Head of the Pancreas; Radiology vol. 137, November 1980; pp 543 – 544.	<u></u> :
Brand I		LEE et al.; Air as a Contrast Marker for Ultrasound-Guided Fetal Transfusions; Radiology, vol 138, Feb. 1981, pp 490-491.	
Examiner Signature		Date Considered Considered	

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Sheet 5 of 7

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Application Number	Common number.
Filing Date	12-12-2003
First Named Inventor	S. Foerster et al.
Group Art Unit .	
Examiner Name	-
Attorney Docket Number	- END 897 DIV2

		U.S. Patent De	ocument	U.S. PATENT DOCUMENTS		
Examiner Initials	Cite No.1	Number	Kind Code (if know		Date of Publication of Cited Document mm-dd-yyyy	Pages, Cohmas, Lines, where relevant passages of relevant figures appear
· · ·		4,086,914		Moore, Edwin Bailey	05/78	ALL
		4,402,308		Scott, Walter P.	09/83	ALL
<del></del>		4,709,703		Lazarow et al.	12/87	ALL
		4,871,094		Fujioka et al.	12/87	· ALL
·		5,358,474		Kaldany, Antoine	10/94	ALL
		5,487,392		Haaga, John R.	01/96	ALL
<u> </u>		5,526,822		Burbank et al.	06/96	ALL
		5,538,010	<u> </u>	Darr et al.	07/96	ALL
<u> </u>		5,562,613		Kaldany, Antoine	10/96	ALL
		5,649,547		Ritchart et al.	07/97	ALL
		6,056,700		Burney et al.	03/99	ALL
		5,002,548	·	Campbell et al.	03/26/91	ALL
		,242,457		Alcopov et al.	09/93	ALL
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		,496,314		Eggers	03/96	ALL
		,681,262		Isse	10/97	ALL
	6,	,228,055	B1	Foerster et al.	. 05/08/01	ALL

		Foreign Patent Document	REIGN PATENT DOCUMENTS	Date of Publication					
Examiner Initials	Cite No.1	Office <sup>3</sup> Number <sup>4</sup> KindCode <sup>3</sup>	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>			
Biaminer Signature	<u> </u>		Date		ALL				
		OTHER PRIO	R ART - NON PATENT LITERATURE D						
xaminer's nitials*	Cite No. <sup>1</sup>	(book, magazine, journal,	n CAPITOL LETTERS), title of the a serial, symposium, catalog, etc.), da	rticle (when approprie ite, page(s), volume-k	SSUB Number(e)	T <sup>e</sup>			
		S.S. Kramer et al; "Permanent Radiopaque Marker Technique for the Study of Pharyngeal Swallowing in Doge" Developed							
		HOME et at "The Georgenshie Out	Annia de Adria de La Carta de						
		Finan et al; :Inertestinal Radiotherap	by for Early Stage Vaginal Cancer, The	Journal of Reproduction	ostetrios, DCC. (1985).				

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Application Number Filing Date 12-12-2003 First Named Inventor S. Foerster et al. Group Art Unit Examiner Name **END 897 DIV2** Attorney Docket Number

Initials N	1	U.S. Patent Document	U.S. PATENT DOCUMENTS		
	Cite No.1	Kind Cod Number (if kno		Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		6,071,301	Cragg et al.	06/06/2000	ALL
		6,174,330 B1	Stinson	01/16/2001	ALL
		6,183,497B1	Sing et al.	02/06/2001	ALL
		6,214,045B1	Corbitt, Jr. et al.	04/10/2001	ALL
		5,487,392	Haaga	01/30/1996	ALL
		5,626,611	Liu et al.	05/06/1997	ALL
	-	5,676,146	Scarborough	10/14/1997	ALL
		B1 5,676,146	Scarborough	04/18/2000	All

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	Office <sup>3</sup>	Number <sup>4</sup> Kir	ndCode <sup>5</sup>	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures	Té
	WO	00/78228A1		CHIN SING et al.	28-12-2000		-
	·wo	98/10712		SCARBOROUGH, Nelson, L.;			
	wo ·	95/13746		HAGGA, John B.			<u> </u>
		Cite No.1 Office³ WO -WO	Cite No. 1 Office 3 Number 4 Kin WO 00/78228A1 WO 98/10712	No.1         Office3         Number4         KindCode5           WO         00/78228A1         WO           WO         98/10712         VO	Cite No.1 Office <sup>3</sup> Number <sup>4</sup> KindCode <sup>3</sup> Applicant of Cited Document WO 00/78228A1 CHIN SING et al. WO 98/10712 SCARBOROUGH, Nelson, L.;	Cite No.! Office³ Number⁴ KindCode⁵ Applicant of Cited Document WO 00/78228A1 CHIN SING et al. 28-12-2000 WO 98/10712 SCARBOROUGH, Nelson, L.; 19-03-1998	Cite No. 1 Office Number KindCode Applicant of Cited Document WO 00/78228A1 CHIN SING et al. WO 98/10712 SCARBOROUGH, Nelson, L.;  Name of Patentee or Application of Cited Document mm-dd-yyyy where relevant figures appear  28-12-2000 ALL  WO 95/13746 HACCA Live B.  Name of Patentee or Application of Cited Document mm-dd-yyyy appear  28-12-2000 ALL  19-03-1998 ALL

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